

# Receiving Report

Date: 12/11/10

Batch No: 1123611

Supplier: THYSON KALWAP

Dart P/O: 18277

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☐ No ☒  
 Receipt: Cash ☐ Cr ☐

Release Note Attached: Yes ☒ No ☒ N/A ☐  
 Waybill Attached: Yes ☒ No ☐  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection: 9-8 12/11/10 N/A ☐  
 Work Order:                      N/A ☒

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12                     

Production/Admin:                       
 Date                       
 Received/Costing                       
 Initial                     

Location

# Purchase Order Receipt Listing

Wednesday, November 07, 2012 10:31:10 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO18277 Receipt Dates from 11/7/2012 to 11/7/2012 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/Curr Type	Line Nbr/Insp Req	Project ID	Reference/Description/Cert Std	PO U/M/Stock U/M	Required Date	Recv Date/Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/Recv Value	Inspected Qty/Rejected Qty (PO U/M)	MRB Qty/Rejected Qty	Book Amt
<b>Vendor ID/Vendor Name</b> VC-COP001 Thyssenkrupp Materials CA Ltd											
PO18277	1		M7075T6B6.000X1.0 f		11/7/2012	11/7/2012	16.0000	\$39.89	0.0000	0	\$638.24
			00								
CAD	No		7075-T6 BAR 6.000" f		16.0000	DES102		\$638.24	0.0000	0	
			X 1.000"								
			123611								
	2		M7075T6B6.000X0.2 f		11/7/2012	11/7/2012	16.0000	\$13.21	0.0000	0	\$211.41
			50								
	No		7075-T6 BAR 6.000" f		16.0000	DES102		\$211.41	0.0000	0	
			X 0.250"								
			123611								
	3		M7075T6B0.375X8.0 f		11/7/2012	11/7/2012	16.0000	\$20.90	0.0000	0	\$334.33
			00								
	No		7075-T6 BAR 0.375" f		16.0000	DES102		\$334.33	0.0000	0	
			X 8.000"								
			123611								
	4		M7075T6B7.000X2.0 f		11/7/2012	11/7/2012	16.0000	\$85.65	0.0000	0	\$1,370.37
			00								
	No		7075-T6 BAR 7.000" f		16.0000	DES102		\$1,370.37	0.0000	0	
			X 2.000"								
			123611								
	5		M7075T6B0.375X6.0 f		11/7/2012	11/7/2012	16.0000	\$16.89	0.0000	0	
			00								
	No		7075-T6 BAR 0.375" f		16.0000	DES102		\$270.27	0.0000	0	
			X 6.000"								
			123611								
	6		M7075T6B0.375X3.0 f		11/7/2012	11/7/2012	16.0000	\$8.51	0.0000	0	\$136.14
			00								
	No		7075-T6 BAR 0.375" f		16.0000	DES102		\$136.14	0.0000	0	
			X 3.000"								
			123611								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO18277	7		M7075T6B5.000X1.0 f 00		11/7/2012	11/7/2012	48.0000	\$31.24	0.0000	0	\$1,499.50
CAD	No		7075-T6 BAR 5.000" f X 1.000" 123611		48.0000	DES102		\$1,499.50	0.0000	0	
Total Received Quantity:											
Total Qty to Inspect (PO U/M):											
Total Reject Quantity:											
Total Receipt Value:											
Total Balance Due Quantity:											
											144.0000
											0.0000
											0.0000
											\$4,460.25
											0.0000

## B I L L O F L A D I N G

No: PEC 793603

Ship From:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 05Nov12 at 8:28 From PFW  
 Probill  
 Via VIM TRANSFER  
 FOB CONCORD  
 Frt PREPAID  
 Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp STAN IVERS (905-532-1350)  
 Sold To: ( 20115)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7  
 Tel: 613-632-9577 Fax: 613-632-1053

## B I L L O F L A D I N G

1) Our Order PEC-505241- 1 Your PO # 18277

Part # QQ-A-250/12

ALUMINUM PLATE 7075-T651

1.00" THICK X 6.0000" X 96.0000"

Heat Number  
212001Tag No  
120912Quantity  
8.00 SFTPCS  
2Wt LBS  
125

MTR

2) Our Order PEC-505241- 2 Your PO # 18277

Part # QQ-A-250/12

ALUMINUM PLATE 7075-T651

.250" THICK X 6.0000" X 96.0000"

Heat Number  
3874422Tag No  
120913Quantity  
8.00 SFTPCS  
2Wt LBS  
29

MTR

3) Our Order PEC-505241- 3 Your PO # 18277

Part # QQ-A-250/12

ALUMINUM PLATE 7075-T651

.375" THICK X 8.0000" X 96.0000"

Heat Number  
559802A4Tag No  
120914Quantity  
10.67 SFTPCS  
2Wt LBS  
58

MTR

4) Our Order PEC-505241- 4 Your PO # 18277

Part # QQ-A-250/12

ALUMINUM PLATE 7075-T651

2.00" THICK X 7.0000" X 96.0000"

Heat Number  
457441Tag No  
120916Quantity  
9.33 SFTPCS  
2Wt LBS  
286

MTR

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

## B I L L O F L A D I N G

No: PEC 793603

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 05Nov12 at 8:28 From PFW  
Probill  
Via VIM TRANSFER  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

## B I L L O F L A D I N G

5) Our Order PEC-505241- 5 Your PO # 18277  
Part # QQ-A-250/12 Rel #  
ALUMINUM PLATE 7075-T651  
.375" THICK X 6.0000" X 96.0000"  
Heat Number Tag No  
559802A4 120918

Quantity PCS Wt LBS  
8.00 SFT 2 ✓ 46

MTR

6) Our Order PEC-505241- 6 Your PO # 18277  
Part # QQ-A-250/12 Rel #  
ALUMINUM PLATE 7075-T651  
.375" THICK X 3.0000" X 96.0000"  
Heat Number Tag No  
559802A4 120920

Quantity PCS Wt LBS  
4.00 SFT 2 23

MTR

7) Our Order PEC-505241- 7 Your PO # 18277  
Part # QQ-A-250/12 Rel #  
ALUMINUM PLATE 7075-T651  
1.00" THICK X 5.0000" X 144.0000"  
Heat Number Tag No  
549531 120921

Quantity PCS Wt LBS  
20.00 SFT 4 315

MTR

TOTAL: Tags PCS LBS  
7 16 882

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL ITEMS (1-7) 1 SKID G.W. 863 LBS

Page: 2 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
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MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

## B I L L O F L A D I N G

No: PEC 793603

Ship From: THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 05Nov12 at 8:28 From PFW  
Probill  
Via VIM TRANSFER  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

## B I L L O F L A D I N G

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*  
\*\*\*\* TEL. 800-926-2600 \*\*\*\*  
\*\*\*\*\*  
\* WE STOCK STAINLESS STEEL \*  
\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*  
\*\*\*\*\*  
\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

Page: 3 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

# CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Betendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material meet the composition limits and had the mechanical properties shown on the face of this sheet. This test report shall not be reproduced except in full without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

*Rob Woodall*

Director of Manufacturing Davenport Works

Terrence Thom  
Quality Assurance Manager

Page 1 of 3

1418427 Ship Date 0 B.L. No. Invoice No. Alcoa No. Item  
2012-08-16 7279278 00000 1000400830-3 DP-00830-3  
P.O. No./Govt Contract No. Customer Alcoa Item  
5400149413 C&B G041094912R10

Ship To: COPPER & BRASS SALES INC  
1015 SAINT JEROME ST.  
MISHAWAKA 46544 IN

Item Description  
1.03 IN TK (+.094 -0.00) X 60.5 IN W (+.375 -  
0.000) X 144.5 IN LN (+.5 -0.0) CAT X 090893-9 (N) A/T 7075-  
T651 RECTANGULAR MILL FINISH, SAWED ALFLR00994. AMS-QQ-A-  
250/12 IS 2007 EXC MRK AMS4045 REV K  
EXC MRK ASTM B209 REV 10 ((MARKED))  
KRAFT PAPER INTERLEAVED  
MAX GROSS SKID WGT: 4500 LB QUAN TOL +/-  
40 & COR 0210606 REV 10 CUST REQ 12-08-  
08 \*\*\* W/E 12-08-11 \*\*\*

Num	Package Ticket	Lot	Weight	Quantity	UOM	Inspector	Clock Numbers
1	439372	211999	954	1	PC	47355	
2	439372	212001	954	1	PC	47355 47406	
3	439372	549531	954	1	PC	47355 47406	
4	439372	549532	954	1	PC	47355	
5	439402	211999	957	1	PC	47355	
6	439402	212001	957	1	PC	47355 47406	
7	439402	549531	957	1	PC	47355 47406	
8	439402	549532	959	1	PC	47355	
9	439408	211999	956	1	PC	47355	
10	439408	212001	955	1	PC	47355 47406	
11	439408	549531	955	1	PC	47355 47406	
		10512		11			

01/11/12  
14  
18

Notes for COR: 0210606.10  
PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/12F. ALSO MEETS THE REQUIREMENTS OF QQ-A-250/12F. PROD UCT  
PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/12 F ALSO MEETS THE REQUIREMENTS OF AMS-QQ-A-250/12.

COR: 0210606.10 -Specification Limits

Temp Dir	UTS	TYS	ELAD
T651	KSI	KSI	PCT
Long Transv.	Max		
	Min		
	77.0	67.0	6

From: Copper and Brass Sales  
Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402137580  
Part: PO: PEC-243261  
Wgt: 125.066 LB Date: 10/31/2012

*James H. Baber*

# CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet. This report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

*Rob Woodall*

Rob Woodall  
Director of Manufacturing Davenport Works

*Terrence Thom*  
Quality Assurance Manager

Page 2 of 3

1418427	0	Invoice No.	Alcoa No.	Item
Ship Date	B.L. No.			
2012-08-16	7279278	00000	1000400830-3	DP-00830-3
P.O. No./Govt Contract No.	Customer	Alcoa Item		
5400149413	C&B	G041094912R10		

CQR: 0210606.10 -Specification Limits (cont.)

Chemical Composition	SI	FE	CU	MN	MG	CR	ZN	TI	Each	Total	Other
----------------------	----	----	----	----	----	----	----	----	------	-------	-------

Alloy 7075	Max	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.15
Lot: 211999	Min										

Temp Dir	No->	UTS	TY	EL4D
T651	Long Transv.	3	82.6	72.5
	Test	82.6	73.6	12.5
		82.3	72.6	12.8

Cast Number	Chemical - OES	SI	FE	CU	MN	MG	CR	ZN	TI
H9016014	Actuals	0.06	0.25	1.5	0.02	2.4	0.18	5.5	0.01
Lot: 212001	- Mechanical, Physical, Metallography, Quantometer Results								

Temp Dir	No->	UTS	TY	EL4D
T651	Long Transv.	3	82.8	73.5
	Test	83	74.3	12.7
		82.7	72.9	12.7

Cast Number	Chemical - OES	SI	FE	CU	MN	MG	CR	ZN	TI
H9016014	Actuals	0.06	0.25	1.5	0.02	2.4	0.18	5.5	0.01
Lot: 549531	- Mechanical, Physical, Metallography, Quantometer Results								

Temp Dir	No->	UTS	TY	EL4D
T651	Long Transv.	3	82.5	73.1
	Test	82.5	73.7	11.9
		82.5	72.9	12.1

DAS 14 12/11/10

From: Copper and Brass Sales

Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402137580

Part: PO: PEC-243261

Wgt: 125.066 LB Date: 10/31/2012

*James H Baker*



# CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

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Per:

*Rd. Woodall*

Rob Woodall

Director of Manufacturing Davenport Works

*Terrence Thum*

Terrence Thum

Quality Assurance Manager

Page 3 of 3

1418427	0	Invoice No.	Alcoa No.	Item
Ship Date	B.I. No.			
2012-08-16	7279278	00000	1000400830-3	DP-00830-3
P.O. No./Govt Contract No.	Customer	Alcoa Item		
5400149413	C&B	G041094912R10		

Lot: 549531	- Mechanical, Physical, Metallurgy, Quantumeter Results (cont.)
Cast Number	Chemical - OES
H9016014	Actuals
Lot: 549532	- Mechanical, Physical, Metallurgy, Quantumeter Results
	No->
Temp	Test
T651	Long Transv.
	3
	UTS
	KSI
	82.5
	81.7
	72.1
	73.8
	12.2
	11.5
	PCT
	1.5
	FE
	CU
	MN
	MG
	CR
	ZN
	TI
	0.01

This material was melted in the United States or a Qualifying Country [REF DEARS 225.872.1(a)]; it was manufactured in the United States

From: Copper and Brass Sales

Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402137580

Part: PO: PEC-243261

Wgt: 125.066 LB Date: 10/31/2012

*James H. Baber*

# CERTIFIED INSPECTION REPORT

Alcoa Inc.

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*Rob Woodall*

Rob Woodall  
Director of Manufacturing Davenport Works

*Terrence Thom*  
Quality Assurance Manager

Page 1 of 3

1362279 Ship Date 0 B.L. No. Invoice No. Alcoa No. Item Ship From: RIVERDALE, IA.  
2012-04-04 6909268 00000 1000359855-1 DP-59855-1  
P.O. No./Govt Contract No. Customer Alcoa Item  
5400132396 Ln#: 0010 CAB G041100084R04

Ship To: COPPER & BRASS SALES INC  
1015 SAINT JEROME ST.  
MISHAWAKA 46544 IN

Item Description  
0.25 IN TK (+.019 -.019) X 60.5 IN W (+.375 -  
0.000) X 144.5 IN LN (+.5 -.0.0) CAT X 090505-9 (N) A/T 7075-  
T651 RECTANGULAR MILL FINISH, SAWED ALFLR00983. AMS-QQ-A-  
250/12 IS 2007 EXC MRK AMS4045 REV K  
EXC MRK ASTM B209 REV 10 ((MARKED))  
KRAFT PAPER INTERLEAVED  
MAX GROSS SKID WGT: 4500 LB QUAN TOL +/-  
40 & COR 0214954 REV 04 CUST REQ 12-03-  
14 \*\*\* W/E 12-03-17 \*\*\*

Num	Package Ticket	Lot	Weight	Quantity	UOM	Inspector	Clock Numbers
1	397201	210773	2006	9	PC	46819	47366
2	397201	210774	1114	5	PC	46819	47366
3	397201	384421	893	4	PC	46819	47366
4	397266	210773	666	3	PC	46819	47366
5	397266	210774	1111	5	PC	46819	47366
6	397266	384421	889	4	PC	46819	47366
7	397266	384422	1336	6	PC	46819	47366
8	397346	384422	1330	6	PC	46819	47366
9	397346	384423	2658	12	PC	46819	47366
			12003	54			

12/11/10  
14  
18

Notes for COR: 0214954.4  
PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/12 ALSO MEETS THE REQUIREMENTS OF QQ-A-250/12F. PROD UCT  
PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/12 F ALSO MEETS THE REQUIREMENTS OF AMS-QQ-A-250/12.

COR: 0214954.4 -Specification Limits

Temp Dir UTS TYS ELAD  
T651 Long Transv. KSI KSI PCT  
Max 78.0 67.0 9  
Min

From: Copper and Brass Sales  
Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402137652  
Part: PO: PEC-243261  
Wgt: 29.139 LB Date: 10/31/2012

*James H Baker*

# CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

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*Rob Woodall*

Rob Woodall  
Director of Manufacturing Davenport Works

*Terrence Thom*  
Quality Assurance Manager

Page 2 of 3

1362279  
Ship Date 0  
B.L. No. 6309268  
Invoice No. 00000  
Alcoa No. Item 1000359855-1  
P.O. No./Govt Contract No. Customer Alcoa Item  
5400132396 Ln#: 0010 C&B G041100084R04 DP-59855-1

CQR: 0214954.4 -Specification Limits (cont.)

Chemical Composition SI FE CU MN MG CR ZN TI Each Total Aluminum

Alloy 7075 Max 0.40 0.50 2.0 0.30 2.9 0.28 6.1 0.20 0.05 0.15  
Min 1.2 2.1 0.18 5.1  
REMAIN

Lot: 210773 - Mechanical, Physical, Metallography, Quantometer Results

Temp Dir UTS TYS EL4D  
T651 Long Transv. 3 Test KSI KSI PCT  
83.8 73.5 12.4  
84.2 74.2 12.5  
84.3 74.3 12.1

Cast Number Chemical - OES SI FE CU MN MG CR ZN TI  
H943015 Actuals 0.06 0.28 1.6 0.02 2.5 0.19 5.7 0.02  
Lot: 210774 - Mechanical, Physical, Metallography, Quantometer Results

Temp Dir UTS TYS EL4D  
T651 Long Transv. 3 Test KSI KSI PCT  
84.2 74.1 12.1  
84.2 74 12.1  
84.2 74.1 12.1

Cast Number Chemical - OES SI FE CU MN MG CR ZN TI  
H9443015 Actuals 0.06 0.28 1.6 0.02 2.5 0.19 5.7 0.02  
Lot: 384421 - Mechanical, Physical, Metallography, Quantometer Results

Temp Dir UTS TYS EL4D  
T651 Long Transv. 3 Test KSI KSI PCT  
84.2 74.5 11.8  
83.5 73.6 11.6  
84.3 74.5 11.8

From: Copper and Brass Sales

Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402137652

Part: PO: PEC-243261

Wgt: 29.139 LB Date: 10/31/2012

*James H. Baber*

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Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material and the composition limits and had the mechanical properties shown on the face of this sheet.

This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

Per:

*Rob Woodall*

Rob Woodall  
Director of Manufacturing Davenport Works

*Terrence Throm*  
Quality Assurance Manager

Page 3 of 3

1362279	0			
Ship Date	B.I. No.	Invoice No.	Alcoa No.	Item
2012-04-04	6909268	00000	1000359855-1	
P.O. No./Govt Contract No.	Customer	Alcoa Item		
5400132396	Ln#: 0010	C&B	G041100084R04	

Lot: 384421	- Mechanical, Physical, Metallography, Quantometer Results (cont.)	-----
Cast Number	Chemical - OES	SI FE CU MN MG CR ZN TI
H9443015	Actuals	0.06 0.28 1.6 0.02 2.5 0.19 5.7 0.02
Lot: 384422	- Mechanical, Physical, Metallography, Quantometer Results	-----
Temp Dir	No->	UTS TYS EL4D
T651	Long Transv.	3 Test KSI KSI PCT
		84.2 84.2 11.8
		84.2 84.2 12
		84.4 74.5 12.2
Cast Number	Chemical - OES	SI FE CU MN MG CR ZN TI
H9443015	Actuals	0.06 0.28 1.6 0.02 2.5 0.19 5.7 0.02
Lot: 384423	- Mechanical, Physical, Metallography, Quantometer Results	-----
Temp Dir	No->	UTS TYS EL4D
T651	Long Transv.	3 Test KSI KSI PCT
		84.3 84.3 11.8
		84.3 84.3 11.5
		84.1 74.8 10.8
Cast Number	Chemical - OES	SI FE CU MN MG CR ZN TI
H9443015	Actuals	0.06 0.28 1.6 0.02 2.5 0.19 5.7 0.02

DA 4 89

12/11/10

This material was melted in the United States or a Qualifying Country [REF DEARS 225.872.1(a)]; it was manufactured in the United States

From: Copper and Brass Sales

Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402137652

Part: PO: PEC-243261

Wgt: 29.139 LB Date: 10/31/2012

*James H. Baker*

# KAISER ALUMINUM FABRICATED PRODUCTS

*Best in Class*

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum  
Trentwood Works  
Spokane, WA 99215-5108  
(800) 367-2586

CUSTOMER PO NUMBER: 5400106640-0060		WORK PACKAGE:		CUSTOMER PART NUMBER: ALFLR00984-60.5		PRODUCT DESCRIPTION: Sawed Plate	
KAISER ORDER NUMBER: 1120519	LINE ITEM: 5	SHIP DATE: 10/03/2011		ALLOY: 7075	CLAD: BARE	TEMPER: T651	
WEIGHT SHIPPED: 4758 LB	QUANTITY: 14 PCS EST.	B/L NUMBER: 2033942		GAUGE: 0.3750 IN	WIDTH: 60.500 IN	LENGTH: 144.500 IN	
SHIP TO:  COPPER & BRASS SALES 5450 EAST HOME FRESNO, CA 93727 US				SOLD TO:  COPPER & BRASS SALES ATTN: ACCOUNTS PAYABLE P.O. Box 5116 SOUTHFIELD, MI 48086 US			

MHU 1526136: LOT 559802A4: 14 pieces

### Certified Specifications

AMS 4045/RevK AMS-QQ-A-250/12 ASTM B 209/Rev07

Test Code: 1512

### Test Results:

LOT: 559802A4 CAST: 414 DROP: 28 INGOT: 4

Melted in USA  
(ASTM E8/B557)  
(EN 2002-1)

Tensile: Temper	Dir/#Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
T651	LT / 02 (Min:Max)	83.7 : 83.9 (577 : 578)	72.8 : 72.8 (502 : 502)	13.5 : 14.7

*12/11/10*

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.08	0.17	1.4	0.02	2.4	0.19	5.5	0.03	0.01	0.01	TOT 0.05

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
7075	MIN	0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.05
	MAX	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.15

Aluminum Remaninder

ThyssenKrupp Materials N.A Inc.  
Copper and Brass Sales Division sold to:  
Customer:  
P.O.#: *200-243261*  
CBS Delivery #:  
QTY: *2 PCS*  
By: *GA*  
Date: *10/31/12*

Plant Serial: 4240789

Kaiser Order Number: 1120519

Line Item: 5

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

*Best in Class*

**CERTIFIED TEST REPORT**

<http://Online.KaiserAluminum.com>

Kaiser Aluminum  
Trentwood Works  
Spokane, WA 99215-5108  
(800) 367-2586

**CERTIFICATION**

Kaiser Aluminum Fabricated Products, LLC (Kaiser) hereby certifies that metal shipped under this order was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content. This material has been inspected, tested and found in conformance with the requirements of the applicable specifications as indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. All metal which is solution heat treated complies with AMS 2772. Any warranty is limited to that shown on Kaiser's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of Kaiser Aluminum Fabricated Products, LLC laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law. ISO-9001:2000 certified.

MIKE KLOCKE, LABORATORIES SUPERVISOR

Plant Serial: 4240789  
Kaiser Order Number: 1120519  
Line Item: 5

# CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet. This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

*Rob Woodall*

Rob Woodall  
Director of Manufacturing Davenport Works

*Terence Thom*  
Terence Thom  
Quality Assurance Manager

Page 1 of 2

1383192  
Ship Date 0  
B.L. No. 2012-05-23 7050217 Invoice No. 00000 Alcoa No. Item 1000379295-3 DP-79295-3  
P.O. No./Govt Contract No. 5400140162 Ln#: 0030 C&B G041008912R10 Customer Alcoa Item

Ship To: COPPER & BRASS SALES INC  
1015 SAINT JEROME ST.  
MISHAWAKA 46544 IN

Item Description  
2.03 IN TK (+.120 -0.00) X 60.5 IN W (+.375 -0.000) X 144.5 IN LN (+.5 -0.0) (N) A/T 7075-  
T651 RECTANGULAR MILL FINISH, SAVED ALFLR00999. EXC TK TL AMS-QQ-A-250/12 IS 2007 EXC MKR, TK TL, OIL AMS4045 REV K EXC\_MRK, TK TL ASTM209 REV 10 ((MARKED)) KRAFT PAPER INTERLEAVED MAX  
GROSS SKID WGT: 4500 LB QUAN TOL +/-30 %  
COR 0155986 REV 10 CUST REQ 12-05-23 \*\*\* W/E 12-05-26 \*\*\*

Num	Package Ticket	Lot	Weight	Quantity	UOM	Inspector	Clock Numbers
1	407227	457441	3722	2	PC	47114	
2	407235	457441	3727	2	PC	47114	
3	407243	457441	3726	2	PC	47114	
			11175	6			

Notes for COR: 0155986.10  
PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/12 ALSO MEETS THE REQUIREMENTS OF QQ-A-250/12F. PROD UCT PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/12 F ALSO MEETS THE REQUIREMENTS OF AMS-QQ-A-250/12.

COR: 0155986.10 -Specification Limits

Temp Dir	UTS	TYS	EL4D
T651 Long Transv.	KSI	KSI	PCT
Max	76.0	64.0	5
Min			

From: Copper and Brass Sales  
Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402137655  
Part: PO: PEC-243261  
Wgt: 286.103 LB Date: 10/31/2012

*James H. Baker*

# CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet. This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

*Rob Woodall*

Rob Woodall  
Director of Manufacturing Davenport Works

*Terence Thom*  
Quality Assurance Manager

Page 2 of 2

1383192	0			
Ship Date	B.I. No.	Invoice No.	Alcoa No.	Item
2012-05-23	7050217	00000	1000379295-3	DP-79295-3
P.O. No./Govt Contract No.		Customer Alcoa Item		
5400140162 Ln#: 0030		C&B G041008912R10		

CQR: 0155986.10 -Specification Limits (cont.)

Chemical Composition											Other	Other
											Each	Total
Alloy 7075 Lot: 457441	- Mechanical, Physical, Metallography, Quantometer Results	SI	FE	CU	MN	MG	CR	ZN	TI		REMAIN	
		Max	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20		0.05
		Min										
				1.2		2.1	0.18	5.1				
Temp T651	Dir Long Transv.	No->	UTS	TYS	ELAD	PCT						
		Test	KSI	KSI								
		3	81.6	71.4	10.9							
			81.4	71.3	10.8							
			81	71.4	10.9							
Cast Number H9461081	Chemical - OES Actuals	SI	FE	CU	MN	MG	CR	ZN	TI			
		0.08	0.28	1.6	0.03	2.5	0.20	5.5	0.02			



# KAISER ALUMINUM

FABRICATED PRODUCTS

*Best in Class*

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum  
Trentwood Works  
Spokane, WA 99215-5108  
(800) 367-2586

CUSTOMER PO NUMBER: 5400106640-0060		WORK PACKAGE:	CUSTOMER PART NUMBER: ALFLR00984-60.5	PRODUCT DESCRIPTION: Sawed Plate	
KAISER ORDER NUMBER: 1120519	LINE ITEM: 5	SHIP DATE: 10/03/2011	ALLOY: 7075	CLAD: BARE	TEMPER: T651
WEIGHT SHIPPED: 4758 LB	QUANTITY: 14 PCS EST.	B/L NUMBER: 2033942	GAUGE: 0.3750 IN	WIDTH: 60.500 IN	LENGTH: 144.500 IN
SHIP TO:  COPPER & BRASS SALES 5450 EAST HOME FRESNO, CA 93727 US			SOLD TO:  COPPER & BRASS SALES ATTN: ACCOUNTS PAYABLE P.O. Box 5116 SOUTHFIELD, MI 48086 US		

MHU 1526136: LOT 559802A4: 14 pieces

### Certified Specifications

AMS 4045/RevK AMS-QQ-A-250/12 ASTM B 209/Rev07

Test Code: 1512

### Test Results:

LOT: 559802A4 CAST: 414 DROP: 28 INGOT: 4

Melted in USA  
(ASTM E8/B557)  
(EN 2002-1)

Tensile: Temper	Dir/#Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
T651	LT / 02 (Min:Max)	83.7 : 83.9 (577 : 578)	72.8 : 72.8 (502 : 502)	13.5 : 14.7

*14 12/1/10*

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.08	0.17	1.4	0.02	2.4	0.19	5.5	0.03	0.01	0.01	TOT 0.05

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
7075	MIN	0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	MAX 0.05
	MAX	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	TOT 0.15

Aluminum Remainder

ThyssenKrupp Materials N.A Inc.  
Copper and Brass Sales Division sold to:  
Customer:  
P.O#: *REC-243261*  
CBS Delivery #:  
QTY: *2069*  
By: *gn*  
Date: *10/31/12*

Plant Serial: 4240789

Kaiser Order Number: 1120519

Line Item: 5

# **KAISER ALUMINUM**

**FABRICATED PRODUCTS**

*Best in  
Class*

## **CERTIFIED TEST REPORT**

<http://Online.KaiserAluminum.com>

Kaiser Aluminum  
Trentwood Works  
Spokane, WA 99215-5108  
(800) 367-2586

### **CERTIFICATION**

Kaiser Aluminum Fabricated Products, LLC (Kaiser) hereby certifies that metal shipped under this order was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content. This material has been inspected, tested and found in conformance with the requirements of the applicable specifications as indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. All metal which is solution heat treated complies with AMS 2772. Any warranty is limited to that shown on Kaiser's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of Kaiser Aluminum Fabricated Products, LLC laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law. ISO-9001:2000 certified.

MIKE KLOCKE, LABORATORIES SUPERVISOR

Plant Serial: 4240789  
Kaiser Order Number: 1120519  
Line Item: 5

# KAISER ALUMINUM FABRICATED PRODUCTS

*Best in Class*

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum  
Trentwood Works  
Spokane, WA 99215-5108  
(800) 367-2586

CUSTOMER PO NUMBER: 5400106640-0060		WORK PACKAGE:	CUSTOMER PART NUMBER: ALFLR00984-60.5		PRODUCT DESCRIPTION: Sawed Plate
KAISER ORDER NUMBER: 1120519	LINE ITEM: 5	SHIP DATE: 10/03/2011	ALLOY: 7075	CLAD: BARE	TEMPER: T651
WEIGHT SHIPPED: 4758 LB	QUANTITY: 14 PCS EST.	B/L NUMBER: 2033942	GAUGE: 0.3750 IN	WIDTH: 60.500 IN	LENGTH: 144.500 IN
SHIP TO:  COPPER & BRASS SALES 5450 EAST HOME FRESNO, CA 93727 US			SOLD TO:  COPPER & BRASS SALES ATTN: ACCOUNTS PAYABLE P.O. Box 5116 SOUTHFIELD, MI 48086 US		

MHU 1526136: LOT 559802A4: 14 pieces

### Certified Specifications

AMS 4045/RevK AMS-QQ-A-250/12 ASTM B 209/Rev07

Test Code: 1512

### Test Results:

LOT: 559802A4 CAST: 414 DROP: 28 INGOT: 4

Melted in USA  
(ASTM E8/B557)  
(EN 2002-1)

*12/11/10*  
14  
9-89

Tensile:	Temper	Dir/#Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T651	LT / 02 (Min:Max)	83.7 : 83.9 (577 : 578)	72.8 : 72.8 (502 : 502)	13.5 : 14.7

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.08	0.17	1.4	0.02	2.4	0.19	5.5	0.03	0.01	0.01	TOT 0.05

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
7075	MIN 0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	MAX 0.05
	MAX 0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT 0.15

Aluminum Remainder

ThyssenKrupp Materials N.A Inc.  
Copper and Brass Sales Division sold to:  
Customer:  
P.O.#: DEC-243261  
CBS Delivery #:  
QTY: 28 CS.  
By: *gn*

Date: 10/31/12

Plant Serial: 4240789

Kaiser Order Number: 1120519

Line Item: 5

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

*Best in Class*

**CERTIFIED TEST REPORT**  
<http://Online.KaiserAluminum.com>

Kaiser Aluminum  
Trentwood Works  
Spokane, WA 99215-5108  
(800) 367-2586

**CERTIFICATION**

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MIKE KLOCKE, LABORATORIES SUPERVISOR

Plant Serial: 4240789  
Kaiser Order Number: 1120519  
Line Item: 5

# SERIALIZED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet. This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

Per: *Rob Woodall*  
Rob Woodall  
Director of Manufacturing Davenport Works

*Terrence Thom*  
Terrence Thom  
Quality Assurance Manager

Page 1 of 3

1418427	0	Invoice No.	Alcoa No. Item
Ship Date	B.L. No.	00000	1000400830-3
2012-08-16	7279278	Customer	Alcoa Item
P.O. No./Govt Contract No.	5400149413	C&B	G041094912R10

Ship To: COPPER & BRASS SALES INC  
1015 SAINT JEROME ST.  
MISHAWAKA 46544 IN

Item Description  
1.03 IN TK (+.094 -0.00) X 60.5 IN W (+.375 -  
0.000) X 144.5 IN LN (+.5 -0.0) CAT X 090893-9 (N) A/T 7075-  
T651 RECTANGULAR MILL FINISH, SAWED ALFLR00994. AMS-QQ-A-  
250/12 IS 2007 EXC MRK AMS4045 REV K  
EXC MRK ASTM209 REV 10 ((MARKED))  
KRAFT PAPER INTERLEAVED  
MAX GROSS SKID WGT: 4500 LB QUAN TOL +/-  
40 % COR 0210606 REV 10 CUST REQ 12-08-  
08 \*\*\* W/E 12-08-11 \*\*\*

Num	Package Ticket	Lot	Weight	Quantity	UOM	Inspector	Clock Numbers
1	439372	211999	954	1	PC	47355	
2	439372	212001	954	1	PC	47355	47406
3	439372	549531	954	1	PC	47355	47406
4	439372	549532	954	1	PC	47355	
5	439402	211999	957	1	PC	47355	47406
6	439402	212001	957	1	PC	47355	47406
7	439402	549531	957	1	PC	47355	47406
8	439402	549532	959	1	PC	47355	
9	439408	211999	956	1	PC	47355	47406
10	439408	212001	955	1	PC	47355	47406
11	439408	549531	955	1	PC	47355	47406
			10512	11			

14 12/11/10

ThyssenKrupp Materials N.A Inc.  
Copper and Brass Sales Division sold to:  
Customer:  
P.O.#: 243261  
CBS Delivery #:  
QTY: 4 PL  
By: *[Signature]*  
Date: 10/31/12

Notes for COR: 0210606.10  
PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/12 ALSO MEETS THE REQUIREMENTS OF QQ-A-250/12F. PROD UCT  
PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/12 F ALSO MEETS THE REQUIREMENTS OF AMS-QQ-A-250/12.

COR: 0210606.10 -Specification Limits -----  
UTS TYS ELAD  
Tmpr Dir KSI KSI PCT  
T651 Long Transv. Max Min 77.0 67.0 6

# CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet. This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

1418427  
Ship Date 0 B.I. No. Invoice No. Alcoa No. Item  
2012-08-16 7279278 00000 1000400830-3 DE-00830-3  
P.O. No./Govt Contract No. Customer Alcoa Item  
5400149413 C&B G041094912R10

Rob Woodall  
Director of Manufacturing Davenport Works  
Terrence Thom  
Quality Assurance Manager

Page 2 of 3

COR: 0210606.10 -Specification Limits (cont.)

Chemical Composition

SI	FE	CU	MN	MG	CR	ZN	TI	Other
Max	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20 0.05 0.15
Min	1.2	2.1	0.18	5.1				REMAIN

Alloy 7075 - Mechanical, Physical, Metallurgy, Quantometer Results

Temp	Dir	Test	UTS	TYS	ELAD
T651	Long Transv.	3	82.2	72.5	13.1
			82.6	73.6	12.5
			82.3	72.6	12.8

Cast Number	Chemical	OES	SI	FE	CU	MN	MG	CR	ZN	TI
H9016014	Actuals		0.06	0.25	1.5	0.02	2.4	0.18	5.5	0.01
Lot: 212001	- Mechanical, Physical, Metallurgy, Quantometer Results	No->								
		Test	UTS	KSI	TYS	ELAD				
			82.8	73.5	13.3					
			83	74.3	12.7					
			82.7	72.9	12.7					

Cast Number	Chemical	OES	SI	FE	CU	MN	MG	CR	ZN	TI
H9016014	Actuals		0.06	0.25	1.5	0.02	2.4	0.18	5.5	0.01
Lot: 549531	- Mechanical, Physical, Metallurgy, Quantometer Results	No->								
		Test	UTS	KSI	TYS	ELAD				
			82.6	73.1	12.2					
			82.5	73.7	11.9					
			82.5	72.9	12.1					

Temp	Dir	Test	UTS
T651	Long Transv.	3	82.5

12/1/10

# CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

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Per: *Rob Woodall*

Rob Woodall  
Director of Manufacturing Davenport Works

*Terrence Thom*  
Terrence Thom  
Quality Assurance Manager

1418427	0	Invoice No.	Alcoa No.	Item	DP-00830-3
Ship Date	B.L. No.				
2012-08-16	7279278	00000	1000400830-3		
P.O. No./Govt Contract No.	Customer	Alcoa Item			
5400149413	C&B	G041094912R10			

Page 3 of 3

Lot: 549531	- Mechanical, Physical, Metallurgy, Quantometer Results (cont.)	-----
Cast Number	Chemical - OES	SI FE CU MN MG CR ZN TI
H9016014	Actuals	0.06 0.25 1.5 0.02 2.4 0.18 5.5 0.01
Lot: 549532	- Mechanical, Physical, Metallurgy, Quantometer Results	-----
	No->	UTS TYS EL4D
Temp Dir	Test	KSI KSI PCT
T651 Long Transv.	3	82.5 74.2 11.5
		81.7 72.1 12.4
		82.7 73.8 12.2
Cast Number	Chemical - OES	SI FE CU MN MG CR ZN TI
H9016014	Actuals	0.06 0.25 1.5 0.02 2.4 0.18 5.5 0.01

This material was melted in the United States or a Qualifying Country [REF DFARS 225.872.1(a)]; it was manufactured in the United States



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO18277**

Purchase Order Date 10/29/12

PO Print Date 10/29/12

Page Number 1 of 3

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"  
TORONTO, ON M5W 5V8  
CA

Contact Name  
Vendor Phone 905 669 9444  
Vendor Fax 905 738 9033  
Vendor Account Nbr

Buyer Chantal Lavoie  
Requisition Nbr  
Tax Resale Nbr 10127-2607  
Terms Net 30  
Currency CAD  
FOB Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAKED**  
10/29/12 123611

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M7075T6B6.000X1.000	7075-T6 BAR 6.000" X 1.000"	11/07/12 Yes	16.00 f	Yours ppd	\$39.8500	\$637.60
<b>Special Inst:</b> MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE							
2	M7075T6B6.000X0.250	7075-T6 BAR 6.000" X 0.250"	11/07/12 Yes	16.00 f	Yours ppd	\$13.2000	\$211.20
<b>Special Inst:</b> MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE							

10/29/12

**MATERIAL CERTIFICATION  
REQD UPON DELIVERY**

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required **YES** NO

Change Nbr: 2

Change Date: 10/29/12





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO18277**

Purchase Order Date 10/29/12

PO Print Date 10/29/12

Page Number 2 of 3

**Order From :**

VC-COP001

THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

**Contact Name**

**Vendor Phone**

905 669 9444

**Vendor Fax**

905 738 9033

**Vendor Account Nbr**

**Buyer**

Chantal Lavoie

**Requisition Nbr**

**Tax Resale Nbr**

10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

Destination-Collect

3	M7075T6B0.375X8.000	7075-T6 BAR 0.375" X 8.000"	11/07/12	16.00	Yours ppd	\$20.8750	\$334.00
			Yes	f			

**Special Inst:**

MATERIAL: 7075-T6 OR  
T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS  
4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12  
CUT FROM PLATE

4	M7075T6B7.000X2.000	7075-T6 BAR 7.000" X 2.000"	11/07/12	16.00	Yours ppd	\$85.5625	\$1,369.00
			Yes	f			

**Special Inst:**

MATERIAL: 7075-T6 OR  
T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS  
4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12  
CUT FROM PLATE

5	M7075T6B0.375X6.000	7075-T6 BAR 0.375" X 6.000"	11/07/12	16.00	Yours ppd	\$16.8750	\$270.00
			Yes	f			

**Special Inst:**

MATERIAL: 7075-T6 OR  
T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS  
4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12  
CUT FROM PLATE

**MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY**

No substitution or deviation without  
consent.

Certificate of Conformity or Material  
Certification required - YES NO

Change Nbr: 2

Change Date: 10/29/12



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO18277**

Purchase Order Date 10/29/12

PO Print Date 10/29/12

Page Number 3 of 3

**Order From :**

VC-COP001

THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

**Contact Name**

**Vendor Phone** 905 669 9444

**Vendor Fax** 905 738 9033

**Vendor Account Nbr**

**Buyer**

Chantal Lavoie

**Requisition Nbr**

**Tax Resale Nbr**

10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

Destination-Collect

6	M7075T6B0.375X3.000	7075-T6 BAR 0.375" X 3.000"	11/07/12	16.00	Yours ppd	\$8.5000	\$136.00
			Yes	f			

**Special Inst:**

MATERIAL: 7075-T6 OR  
T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS  
4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12  
CUT FROM PLATE

7	M7075T6B5.000X1.000	7075-T6 BAR 5.000" X 1.000"	11/07/12	48.00	Yours ppd	\$31.2083	\$1,498.00
			Yes	f			

**Special Inst:**

MATERIAL: 7075-T6 OR  
T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS  
4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12  
CUT FROM PLATE

**PO Total:**

**\$4,455.80**

**MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY**

**Change Nbr:** 2

**Change Date:** 10/29/12

No substitution or deviation without consent.

Certificate of Conformity or Material  
Certification required **YES** NO